

Phillips 66 COPYLENE® CM040LN Polypropylene, Impact Copolymer, Thermoforming

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

COPYLENE™ CM040LN is an impact copolymer specially designed for excellent processing in thermoforming applications and is formulated with antistat and nucleation. Applications: Thermoforming, Injection Molding. Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CM040LN-Polypropylene-Impact-Copolymer-Thermoforming.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in³	ASTM D792
Melt Flow	4.0 g/10 min	4.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.8 MPa	4750 psi	2 in/min; ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.52 GPa	220 ksi	0.05 in/min; 1% secant; Procedure A; ASTM D790
Izod Impact, Notched	0.908 J/cm	1.70 ft-lb/in	Method A; ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Process	Injection Molding	
	Thermoforming	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China